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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/801,144	03/16/2004	Frank Tsao	USP2083A-BIC	2183
30265	7590	08/03/2005	EXAMINER	
RAYMOND Y. CHAN 108 N. YNEZ AVE., SUITE 128 MONTEREY PARK, CA 91754			SAWHNEY, HARGOBIND S	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 08/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/801,144

Applicant(s)

TSAO, FRANK

Examiner

Hargobind S. Sawhney

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 March 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 10 is/are rejected.
- 7) ☒ Claim(s) 2-9 and 11-20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1 and 10 are rejected under 35 U.S.C. 102(b) as being anticipated by Wolff (US Patent No.: 4,703,184).

Regarding claims 1 and 10, Wolff ('184) discloses a light fixture (Figures 1 and 2) comprising:

- a light housing 1 having two housing portions – left and right side halves – transversely extending at an adjacent angle less than 180° (Figure 1);
- a reflector 16 having two reflecting portions received in the housing portions (Figures 1, 2 and 4, column 5, lines 29-36), and each of the reflecting portions formed on the inner wall of the housing portions (Figures 1, 2 and 4);
- two light sources 2 – a first plurality of elongated lamps positioned in front of the first reflecting portion, and the second plurality of elongated lamps positioned in front of the second reflecting surface – positioned within the respective housing portions 1 (Figures 1-4, column 4, lines 32-34);
- the light sources 2 connectable to a power source (Figures 1-4); and

- the shadowing area resulting from the angular configuration of the housing and relative positioning of the light source inherently formed within the housing 1.

***Allowable Subject Matter***

3. Claims 2-9 and 11-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art of record, including Wolff (US Patent No.: 4,703,184), does not show or suggest the applicant's invention as claimed. Specifically, the prior art of record does not disclose a lighting fixture combining:

- two inner walls of housing portions longitudinally extending , and the inner walls making an adjacent angle between them at a common line-edge as recited in Claim 2;
- a reflector with two curved reflecting surfaces formed on the inner wall of the housing, and each curved reflecting surfaces having a light source positioned at its focus point as recited in Claim 6; and
- a pivotally mounted angled- opening shelter fittingly covering the front opening of the light housing as recited in Claim 14.

The above-indicated combination, including two inner walls of housing portions longitudinally extending , and making an adjacent angle between them at a common line-edge, makes this invention unique.

Claims 3-5, 7-9, 11, 13 and 15-20 are necessarily objected because of its dependency on the objected base Claim 2.

Claim 12 is necessarily objected because of its dependency on the objected base Claim 6.

### ***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Bissada (US Patent No.: US 6,820,997 B2) and Macedonio (U.S. Patent No. 6,783,259 B1) Luk (US Patent No.: 6,585,395 B2), Wanuch et al. (US patent No.: 6,203,172 B1), Kotloff (US Patent No>; 6,450,668 B1), Stephens (US Patent No.: 5,890,793), Bailey et al. (US Patent No.: 5,752,766) and Costa (US Patent No.: 5,012,396)

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hargobind S Sawhney whose telephone number is 571 272 2380. The examiner can normally be reached on 6:15 - 2:45.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on 571 272 2378. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HSS  
7/29/2005

  
Stephen Husar  
Primary Examiner